

FLORIDA STATE LIBRARY

BIENNIAL REPORT  
OF THE  
SUPERINTENDENT  
OF THE  
FLORIDA HOSPITAL  
FOR THE INSANE  
FOR THE YEARS 1915 and 1916



T. J. Appleyard, State  
Printer, Tallahassee, Fla.

F362.21s  
S959

1915/16

BIENNIAL REPORT  
OF THE  
SUPERINTENDENT  
OF THE  
FLORIDA HOSPITAL  
FOR THE INSANE  
FOR THE YEARS 1915 and 1916



T. J. Appleyard, State  
Printer, Tallahassee, Fla.

## OFFICERS OF THE HOSPITAL.

1915 - 1916.

---

### BOARD OF COMMISSIONERS OF STATE INSTITUTIONS.

---

Park M. Trammell, Chairman.....Governor  
H. Clay Crawford.....Secretary of State  
W. V. Kuott.....Comptroller  
T. F. West.....Attorney General  
W. A. McRae.....Commissioner of Agriculture  
J. C. Luning.....Treasurer  
W. N. Sheats.....Supt. of Public Instruction  
R. A. Gray.....Secretary to the Board  
Tallahassee, Florida.

---

Worth W. Trammell, Superintendent, Chattahoochee,  
Florida.  
R. N. Greene, M. D., Chief Physician, Chattahoochee,  
Florida. Dr. Greene resigned September 1, 1916.  
A. E. Conter, M. D., Assistant Physician, Chattahoochee,  
Florida. Dr. A. E. Conter appointed Chief Physician  
September 1, 1916.  
H. Mason Smith, M. D., Assistant Physician, Chattahoo-  
chee, Florida.  
W. Marion Bevis, M. D., appointed Assistant Physician  
August 1, 1916, Chattahoochee, Florida.  
W. Henry Spiers, M. D., appointed Assistant Physician  
September 1, 1916, Chattahoochee, Florida.

J. G. Wilson, D. D. S., Resident Dentist, Chattahoochee, Florida.

B. F. Bache, Druggist and Pharmacist.

Rev. W. A. Fischer, Chaplain, for 1915-1916.

#### OFFICE FORCE.

D. Lang, Secretary and Cashier.

W. L. Vanlandingham, Bookkeeper and Stenographer.

Miss Isabelle Pace, Stenographer for Medical Department.

#### MEDICAL VISITING STAFF.

U. S. Bird, M. D., Eye, Ear and Throat, Tampa, Florida.  
J. H. Randolph, M. D., Alienist and Neurologist, Jacksonville, Florida.

Gerry R. Holden, M. D., Gynecologist, Jacksonville, Florida.

Clarence Hutchinson, M. D., General Surgery, Pensacola, Florida.

Henry E. Palmer, M. D., Stomach Diseases, Tallahassee, Florida.

J. L. Kirby-Smith, M. D., Skin Diseases, Jacksonville, Florida.

F. C. Moor, M. D., General Medicine, Tallahassee, Fla.

## REPORT OF SUPERINTENDENT FLORIDA HOSPITAL FOR THE INSANE.

---

*To the Honorable Board of Commissioners of State Institutions, Tallahassee, Florida.*

Gentlemen:

I have the honor to submit herewith report of the condition, management and progress of the Florida Hospital for the Insane, with data showing disbursements and movement of population for the biennial period beginning January 1, 1915, and ending December 31, 1916.

During the period covered by this report an unusually large number of admissions have been received at the institution. During the year 1915 there were 657 admissions and in 1916 there were 563 admissions.

There were present in the Hospital January 1, 1915, 1,336 patients, and on January 1, 1916, 1,417. There were present on the 31st day of December, 1916, 1,482 patients.

During the year 1916 there were 570 deaths, discharges and furloughs. During the year 1916 there were 417 deaths, discharges and furloughs.

The average monthly population for 1915 was 1,377 and for 1916 1,453. The percentage of deaths and discharges may be found by reference to the proper tables.

The general health of the institution has been good. We have been free from epidemics and have had no cause for alarm in the general health of our patients.

As stated in a previous report, there have been committed to this institution during the past two years a large number of very old and enfeebled persons, a large percentage of whom are suffering from some chronic and

incurable disease at the time of their admission. The most we can do for a large percentage of this class is to take care of them and endeavor to alleviate their sufferings until the end. It very often happens that this class of patients die in from one day to three months after admission.

### MAINTENANCE.

The total cost of maintenance is increasing with each year, and of necessity it must be so. The increase in the number of patients and the greatly increased prices in all kinds of wearing material, and groceries of all kinds, as well as all kinds of material for repair work in our several different departments, adds a great deal to the general cost of maintenance, above the normal increase on account of new admissions. By reference to Tables Nos 1-A and 1-B, the monthly cost will be found for maintenance, as well as the total cost for the years 1915 and 1916. It will be noted that the average cost per month for the year 1915, exclusive of improvements, is \$17.11 per month and for the year 1916 \$15.65 per month.

The general maintenance fund for the next two years will, of necessity, have to be considerably more than for the past two. The number of patients will, without doubt, continue to increase, and the very unsettled condition of the market on all commodities, with a tendency to higher prices, leaves us without anything like a stable basis for an estimate.

### EMPLOYMENT OF PATIENTS.

As stated in our last biennial report, it is well recognized that the proper management and discipline of the insane, with suitable employment, which affords mental recreation and physical exercise, adds materially to their welfare and aids in no small degree in their restoration. And the employment of all patients, so far as practicable, has been encouraged and carried out. With the



male patients, they assist on the farm, truck garden, hauling coal, at the dairy barn, making mattresses, keeping the grounds in order and assisting in keeping the male wards, and do many other minor things about the institution. The white women assist very materially in keeping up the white female department, and also assist in the sewing room, where thousands of garments are made every year. Many of these patients do embroidery and fancy sewing, which occupies a good part of their time. It might not be amiss just here to say that this institution was awarded a certificate by the American Medico-Psychological Association at its seventy-second meeting, held in New Orleans in April of 1916, upon its exhibit before that association of embroidery work done by patients of this Hospital. The colored female patients assist in taking care of their department, and about thirty-five are daily engaged in assisting at the laundry, where they render valuable service in carrying on the work of this department.

#### IMPROVEMENTS AND REPAIRS.

Since our last biennial report there have been a few improvements to our institution, but not all that we would like to have seen. Of necessity, where there is the continuous wear and tear that there is in an institution of this kind, many repairs are continually having to be made, and we have kept them up as well as the means at our hands would permit.

#### DAIRY.

Since our last report a modern dairy barn has been erected, with capacity for seventy-two cows. This barn is thoroughly sanitary and is an improvement that has been needed for several years. Our dairy herd consists of 56 cows, 31 heifers, 2 males and 6 calves. Having erected a dipping vat several years ago, it is our custom to dip this dairy herd at regular intervals.

## PATHOLOGICAL LABORATORY.

The Legislature of 1915 made appropriation out of the funds of the State Board of Health for the building and equipping of a pathological laboratory for this institution. This building, owing to the numerous other things required to be done, is just now nearing completion. It will be ready for occupancy within a very short time, and will be a very important addition to the Hospital, and will aid our medical staff very greatly in its work.

## NEW SEWER SYSTEM.

Many years ago a sewer system was installed for the institution, adequate at that time for the limited number of inmates, but the continued increase of our population has outgrown the capacity of our mains and thus caused frequent stoppages and breaks, involving expense for repairs and danger to health. During the past year a new system has been constructed of four times the former capacity, embracing a drop manhole equipment, whereby the velocity flow from manhole to manhole is maintained at the uniform rate of 276 feet per minute, the better to insure the movement of all foreign substances from the sewer. The main trunk line was carried south to a distant field, well suited for the installation of a septic tank and filtering beds, from which the effluent can readily empty into a constantly flowing branch of the Apalachicola River. The septic tank and filtering beds have not been installed, but should be at an early date.

## WATER WORKS AND WATER SUPPLY.

The water supply for the institution is provided from two sources, first from springs for drinking purposes, which so far have proven ample for our needs, but with such a large community to provide for, if any failure



should occur the consequence would be very serious. And as artesian wells in the vicinity have proven successful in providing ample pure water, it would seem very desirable that another source of supply be provided by the drilling of an artesian well.

The other water supply for the Hospital is taken from a creek about a mile distant, where a long time ago a timber and earth dam was put in, but had broken and almost become a thing of the past. The water main leading from there to the institution was too small for the volume of water required, and the fuel necessary to overcome the loss due to friction in the pipe alone has cost, so I am informed, one and eight-tenths (1.8) tons of coal per day.

During the past year a new concrete dam has been built and a larger water pipe laid. At the dam turbine water wheels have been provided, so that the water can be pumped by water power for such time as the supply of water is adequate. There will also be a boiler for the purpose of pumping this water by steam power, and there will also be electric motors connected to wires from the central power plant as another means of pumping water to the institution. New pumps are being installed, of the triplex pattern, which will not only supply the large quantity of water for domestic purposes, but which will be capable of affording adequate fire protection. Our elevated tanks being scarcely high enough to force water with any pressure on top of the main buildings, an independent pipe line for fire protection is being run and hose hydrants set at all convenient places.

#### STEAM PLANT.

Our present steam plant has become inadequate for the needs of the institution, together with the fact that the constant straining of the boilers has brought them to where the boiler inspectors have cut down our allowable

pressure to less than what is required. I would most earnestly request that provision be made for installing a new power and steam plant as laid out by the State's Engineer.

#### ICE PLANT AND COLD STORAGE.

The ice plant, which is of five-ton capacity, has heretofore been able to furnish a reasonable supply of ice for the institution and provide a minimum amount of cold storage for our fresh meats. The cold storage room is old and not capable of being crowded. I would suggest that a new ten-ton ice plant, with ample cold storage room, be provided for in connection with the new power plant.

#### LAUNDRY.

Our laundry as it is today, with the exception of a new mangle, was built and equipped at a time when there were less than one thousand inmates. Now we have some fifteen hundred patients; therefore, it can readily be seen that this department is not adequate to the needs of the institution. The laundry building is not in very good condition, the walls having sprung out of true, and not being large enough should be rebuilt, which can be done in a large measure by using the old brick from the wall and building formerly used for a powder magazine. This, together with more equipment, should be added to the laundry in order that the work of this department may be carried on properly.

#### RECEIVING HOSPITAL.

The Receiving Hospital building which was erected by contract, and which has been in use for a little over two years, has been a great aid in the proper care of the sick. This building, however, does not seem to have been constructed in as good manner as it should have been and it has necessitated us opening up one end of the roof and bracing it properly to prevent a sagging which had begun.

### TUBERCULOSIS BUILDING.

The Tuberculosis Building which was in course of construction at the time of our last report was completed and put into operation in October, 1915. This building is 208 feet in length, one story in height and will accommodate thirty patients comfortably. It is modern in all its appointment and is without doubt one of the best tuberculosis buildings in the country. The addition of this colony to our institution is one of the greatest improvements that we have made. When funds are available it is our desire to have a similar building for colored tuberculosis subjects.

### KITCHEN AND DINING-ROOM.

This department is one of great importance to any institution and should be thoroughly equipped with means of perfect sanitation and cleanliness. Our dining-rooms are screened and kept in a very cleanly condition. Our kitchen, while kept in a cleanly condition, should have the present cement floor replaced with one of tile and should have additional equipment. We are greatly in need of new cooking ranges and steam cookers and dish-washing machine.

### BUNGALOW FOR DR. SPIERS.

A modern six-room bungalow has been erected for the use of Dr. W. H. Spiers, who was added to the medical staff of the institution during the month of September, 1916. This cottage was erected from lumber made at the institution, and the work done by our regular employes.

### GROUNDS.

We have changed the white men's recreation yard to a place where we have a more perfectly even surface and plenty of shade. This yard is large enough for those who so desire to have a place to play baseball.

## GENERAL.

Our first care is the welfare and comfort of our patients. It has been our constant aim and effort to see that they are treated kindly, given proper and plenty of wholesome food and made comfortable in their several wards. In a large measure this is accomplished, but with the very limited means at our hand we have necessarily had to be very cautious in all our expenditures.

## AMUSEMENTS.

As stated in our last biennial report, "Those who are afflicted in mind, and oftentimes in body, should at all times have the thoughtful consideration of the more fortunate members of society, and especially is this true of those in whose care they are placed. This not only in their necessary care and treatment, but also in those things which make for their pleasure and enjoyment, to the end that the clouds which shadow their unfortunate estate may, at least, now and then, be pierced by a ray of sunshine and pleasure. In an endeavor to give our patients as much pleasure and amusement as possible, we have a dance each week; give occasional amateur theatricals during the winter months; have a band and orchestra, the members of which are employes of the institution, and have our own moving picture outfit and give the patients a four-reel show once each week. Religious services are held four times each month, and the patients, so far as practicable, are taken outside the institution for walks and recreation each week."

## RECOMMENDATIONS.

In offering the following recommendations, I am not unmindful of the fact that the normal current expenses of this institution are quite large and that there are other

institutions maintained by the State (but none more important or more worthy of the careful consideration of our legislative body) that have to be provided for, and all funds appropriated for the maintenance of these institutions are raised by taxation, but, believing that your honorable body will, so far as you deem expedient, provide for our unfortunates everything that will add to their comfort and welfare and make for the permanent good of the institution, the following additions and improvements are recommended:

#### INDUSTRIAL BUILDING.

I would recommend the construction of a building to be used as an industrial building, of sufficient size to provide for the carrying on of industrial pursuits for as many as one hundred patients at a time. In this building equipment could be provided for the making of baskets, paper bags, door mats, straw hats, brooms and many other articles, as well as all kinds of fancy sewing.

It is a well recognized fact that the employment of the insane is a very strong factor in restoring the mind to a normal condition. To properly carry on this re-educational work it would be necessary to have a trained person in this line to have charge of this department.

#### NURSES' HOME.

Two years ago I recommended the erection of a building to be used as a nurses' home. I again recommend the erection of such a building, provided there is no provision made by the next session of the Legislature for another Hospital for the Insane. If, however, the Legislature provides for the erection of another Hospital for the Insane, at some central point in the State, and a division of our patients is made, at least to the point where we are not so overcrowded, I believe that we could avoid building a nurses' home here by setting apart a certain part of a building in each of the four departments

to be used as the nurses' quarters. I feel that those who labor from 5:30 in the morning until 6:30 at night should when off duty have a suitable place for recreation and sleep. Also, the going in and out of the buildings at night is more or less disturbing to the patients.

#### STOREROOM.

The storeroom should be removed from its present site and a new storeroom erected adjacent to the central kitchen. This would eliminate the necessity for hauling the supplies from the storeroom in a wagon and also enable us to only issue the amount of supplies that are needed for each meal, instead of issuing a whole day's supplies at one time. The moving of the storeroom from where it is now would also add much to the appearance of the main part of the institution, as it is now located nearly in front of the main building for the white female patients.

#### READING ROOMS AND LIBRARY.

Owing to the overcrowded condition of our institution, we have no place that we can set apart to be used as reading rooms and for library purposes. There should be provided suitable rooms for this purpose. Many patients like to read, but at present they can only do so in the general day rooms and in the pavilions, where there is more or less confusion.

#### PAINTING.

There should be provided ample means for painting all our buildings, both inside and out. All metal roofs are now needing a thorough painting. Most all day rooms and halls are needing paint.

#### SCREENS.

Provision should be made for screening all outside openings in our buildings at as early a date as practicable.



## NEW STATE HOSPITAL.

Following up my recommendation of two years ago, I again most earnestly recommend the erection of another State Hospital for the Insane. Our present institution is far overcrowded at this time. In our white male department we are now having to use a part of the colored male building to take care of about sixty white men. However, this building is so constructed as to have the section used for white men entirely separate and apart from the colored male patients. In our white female department we are having to use our sitting or day rooms for sleeping rooms. In the colored female department we are having to place a number of beds in the halls. In the colored male department we have enough room for those present at this time, if there was none of the space in this building taken up by the white men. But with the white men using a part of this building, it prevents the colored men from having any regular sitting or day rooms. So it can readily be seen that one of two things will have to be done: Either there must be another institution erected or more buildings provided at this institution. For several reasons I deem the building of a new institution the wiser course to pursue. To begin with, the original buildings at this institution were constructed for military purposes rather than for a hospital. The location of the buildings was not made with a view for hospital purposes and those buildings that have been erected during the past twelve years have necessarily had to be located as best they could be with reference to the other buildings. Hence, we have an institution without any definite plan for its future growth, without any uniformity as to its different departments, and so arranged and constructed as to not permit of us having sufficient recreation grounds for our patients; and, should additional buildings be erected here for the housing of our patients, it would necessarily take from our already too

limited space. Again, located as we are in the western section of the State, the cost of transporting patients to and from the institution amounts to quite a large sum, as a very large percentage of admissions come from the eastern and southern sections of the State. Also, the distance is so great and the expense so much that relatives of patients who come from South Florida and who are not in fairly good circumstances can not afford to visit them. Again, the land connected with this institution is so broken and uneven that it can not be farmed successfully to any great extent.

With a new institution provided for in some central portion of the State upon a tract of land sufficiently large to permit of a systematic laying out of all necessary buildings, and recreation grounds and with sufficient land to carry on a considerable farm and truck garden, would, in my opinion, be more in keeping with the rapid progress and growth of our State, and meet the demands for the taking care of our unfortunate subjects, than the adding of other buildings to this institution. Should your Honorable Board recommend the erection of another Hospital for the Insane, and the Legislature make provision therefor, it will give us pleasure to assist in any way possible in the proper planning and arranging of all matters pertaining thereto.

#### APPROPRIATIONS.

With the present unsettled condition of prices and all tending upward, it is impossible to make an accurate estimate of the amount that will be necessary to maintain the Hospital during the next two years. I recommend the following appropriations:

Last six months, 1917, general maintenance...\$150,000.00

|  |            |
|--|------------|
| For the year 1918, general maintenance.....                  | 300,000.00 |
| First six months, 1919, general maintenance..                | 165,000.00 |
| For painting and general repairs and improve-<br>ments ..... | 30,000.00  |

Herewith will be found report of the Chief Physician, which is submitted for your consideration, along with this report.

### ACKNOWLEDGMENTS.

I desire to thank your Honorable Board for the interest you have taken in the Institution and for your counsel and advise during the period covered by this report.

I express to those members of the State press who have so kind as to furnish this Institution their publications free, my very kind appreciation.

To the officers and employes of the institution who have labored with me to make the management of this institution a success, I extend my thanks.

I desire to express my thanks to Dr. Ralph N. Greene, our former Chief Physician, for his very able service and co-operation, and to express my regrets in losing his services.

Respectfully submitted,  
WORTH W. TRAMMELL, Superintendent.

## CHIEF PHYSICIAN'S REPORT.

---

Chattahoochee, Fla., Jan. 1, 1917.

Hon. Worth W. Trammell,

Supt. Florida Hospital for Insane,

Sir:

I have the honor to transmit herewith my biennial report for the period covering the years 1915 and 1916, with the usual statistical tables and such suggestions and recommendations as relate to the improvement and operation of the medical department of the institution, and the further comfort and welfare of its inmates. In making the suggestions above intimated it has been my policy to limit myself to strictly medical matters as far as possible, except in those instances where it is evident that medical and administrative matters cannot well be separated, as far instance, in the matter of the kitchen, where the medical department is chiefly concerned in its sanitary condition and the proper preparation of the patient's food. Other instances will be apparent as the report proceeds.

Respectfully,

A. E. CONTER,  
Chief Physician.

---

On September 1, 1916, I became Chief Physician by order of the Honorable Board of Commissioners of State Institutions, following the resignation of the former chief, Dr. R. N. Greene. The Chief Physician is at present actively in charge of the colored female department. Dr. H.

Mason Smith became First Assistant Physician. He is in charge of the colored male department. Dr. W. Marion Bevis was appointed Second Assistant Physician and reported for duty on August 1, 1916. He is charged with the care and operation of the white female department. The urgent need of another physician being made known, the Honorable Board of Commissioners of State Institutions appointed W. H. Spiers, who ranks as Third Assistant Physician, and reported for duty on September 1, 1916. He is in charge of the white male department. This last appointment gives one medical officer for each department in the institution. This is a condition long desired. Heretofore, the medical officer who had charge of the white female department was compelled to also take over the care of the colored female department, resulting in his having to perform twice as much work than was performed in any other department with the inevitable result that the work could not be done properly, as haste had to be exercised to go daily over the two departments. At present the work is as nearly evenly balanced as it is possible to be, one medical officer having charge of one department only.

The Medical Staff is at present working harmoniously and efficiently, and it is hoped that with the near appointment of a Pathologist in sight, still greater efficiency will be obtained through the complete systematizing of the labors that have to be performed together with the scientific investigation of disease, such as is possible only with the aid of a well-equipped laboratory and a competent pathologist.

#### NURSING STAFF.

The operation of the Receiving Hospital is in charge of Miss Minnie Kruger, R. N., under the direction of the medical staff. It is her duty to see that the directions of the medical officers relative to the care and treatment of



the sick and newly admitted patients are properly carried out by the attendant nursing staff. She is also charged with the care of the operating room, to assist in and prepare for all surgical operations, prepare and sterilize all needed dressing, etc., and is also the dietitian of the Receiving Hospital. As such it is her duty to see that all patients receive their food properly cooked and with special reference to their illnesses. Miss Kruger has performed all these duties to the entire satisfaction of the medical staff.

Mrs. Elizabeth Ehrheart is in charge of the Tuberculosis Ward and has given equal satisfaction in the care and management of this department.

#### CONSULTING STAFF.

The Consulting Staff is at present composed of the below named members of the Medical Profession, who, according to the stipulations under which they serve, agree to make regular visits to the institution every four months (or oftener if called). Their remuneration consists of being reimbursed for their actual traveling expenses. It is the duty of the Consulting Staff to perform such operation as require special skill and knowledge, and with this end in mind, only well known specialists are requested to be appointed. The Consulting Staff has at all times been ready and willing to promptly respond to any extra calls from the institution, many times at personal sacrifices to themselves. Their services, both aggregate and individual, have been of the greatest benefit to the inmates of the institution, and have by far exceeded in value the expenses incurred by their trips to Chhattahoochee.

The members of the Consulting Staff are:

Dr. U. S. Bird, Tampa, Fla., Consulting Oculist.

Dr. J. L. Kirby-Smith, Jacksonville, Fla., Consulting Dermatologist.



Dr. Gerry R. Holden, Jacksonville, Fla., Consulting Gynecologist.

Dr. James H. Randolph, Jacksonville, Fla., Consulting Alienist and Neurologist.

Dr. Frank Clifton Moor, Tallahassee, Fla., Consultant in General Medicine.

Report of the work performed by the Consulting Staff is herewith detailed:

By Dr. Gerry R. Holden, Surgical Operations:

|                                  |    |
|----------------------------------|----|
| Thyroidectomy .....              | 1  |
| Cure of Hernia .....             | 7  |
| Suspension of Uterus .....       | 3  |
| Excision of Tumor .....          | 1  |
| Removal of Ovarian Cyst .....    | 1  |
| Amputation of leg .....          | 1  |
| Amputation of Cervix Uteri ..... | 1  |
| Repair Perineal Tear .....       | 1  |
|                                  | —  |
| Total .....                      | 16 |

By Dr. U. S. Bird:

Cases examined and treated:

|                       |    |
|-----------------------|----|
| Feb., 1915 .....      | 7  |
| June, 1915 .....      | 17 |
| September, 1915 ..... | 9  |
| January, 1916 .....   | 16 |
| April, 1916 .....     | 23 |
| July, 1916 .....      | 13 |
| October, 1916 .....   | 14 |
|                       | —  |
| Total .....           | 99 |

Glasses ordered for patients:

|                       |    |
|-----------------------|----|
| February, 1915 .....  | 4  |
| June, 1915 .....      | 11 |
| September, 1915 ..... | 5  |
| January, 1916 .....   | 11 |

|                     |    |
|---------------------|----|
| April, 1916 .....   | 11 |
| July, 1916 .....    | 6  |
| October, 1916 ..... | 5  |
|                     | —  |
| Total .....         | 55 |

## Surgical Operations:

|                                   |   |
|-----------------------------------|---|
| February, 1915, Symbleharon ..... | 1 |
| June, 1915, Tonsillectomies ..... | 2 |
| July, 1916, Adenectomy .....      | 1 |
| October, 1916, Adenectomy .....   | 1 |
|                                   | — |
| Total .....                       | 5 |

By Dr. J. H. Kirby-Smith:

## Verbatim:

April, 1915, Consultation regarding Skin Cases, prescribed for several.

September, 1915, Consultation regarding Skin Cases, prescribed for several.

May, 1916, Consultation regarding Skin Cases, prescribed for several.

November, 1916, Consultation regarding Skin Cases, prescribed for several.

"Among the cases seen by me with the resident medical staff, a number of Acne patients in the white female department, also Seborrhea; in the male wards, several cases of Trychophytosis (ringworm), also one or two cases of Epitheliona; a few cases of Syphiloderma and a few cases of Eczema. One case of Tuberculosis of the Skin and one case of Dermatitis Papillaris Capillitii.

In closing this report I wish to state that I have found the hospital wards remarkably free from contagious or infectious skin diseases. All patients contented and well cared for. I further wish to express to the staff my appreciation for their kindness to me in my visits to the hospital."

By Dr. James H. Randolph:

Several visits made by him. No report submitted.

By Dr. F. C. Moor:

No visits since very recent appointment:

It will be understood from the above summary that the work performed by the Consulting Staff has been of considerable value and benefit to the patients, and I can not refrain from allotting to it the tribute that is justly theirs. Nearly all the members come from great distances, often at a considerable loss of time and money, their only object being to help in making this institution one of the best of its kind.

#### PUBLICATIONS BY THE RESIDENT STAFF.

By Dr. H. M. Smith:

"Weaning from Morphine," Florida Medical Journal, January, 1914.

The Treatment of Syphilis of the Central Nervous System," Florida Med. Journal, January, 1917.

#### GENERAL CONSIDERATIONS AND SUGGESTIONS.

The general health of the institution has been very good for the past two years. Vaccination against smallpox and typhoid fever has kept us free from these diseases and deaths that have occurred have been due to the usual causes. There have been no cases of diphtheria or other contagious or infectious diseases. The sanitary condition of the institution has been far better during this period owing to the absence of sewage overflow that used to be common before the defect in the sewer was corrected. This at-present good health condition bids fairly to become seriously endangered owing to the present overcrowded condition in the white male, white female and the colored female departments. There is no more potent factor in the development of tuberculosis in institutions

than overcrowding, with its inevitable vitiation of the air in the buildings and the necessarily more intimate contact between the inmates owing to such overcrowding. Additional building room is, therefore, urgently needed. In order that a fairly clear conception may be had of the conditions prevailing at present in the departments above named, I have had a survey made of all the wards affected. The cubic air space in each ward was ascertained and the number of beds in each ward recorded, each bed being occupied by a patient. One thousand cubic feet of air has been allowed to each patient in estimating the excess of population in each ward or section. The result is shown as follows:

*White Male Department.*

Ward 1—

|                           |                |
|---------------------------|----------------|
| Section 1 contains.....   | 44 beds        |
| Available air space.....  | 20,049 cu. ft. |
| Excess of population..... | 24             |
| Section 2 contains.....   | 22 beds        |
| Available air space.....  | 20,580 cu. ft. |
| Excess of population..... | 2              |
| Section 3 contains.....   | 22 beds        |
| Available air space.....  | 20,580 cu. ft. |
| Excess of population..... | 2              |

Ward II—

|                           |                |
|---------------------------|----------------|
| Section 1 contains.....   | 32 beds        |
| Available air space.....  | 23,543 cu. ft. |
| Excess of population..... | 11             |
| Section 2 contains.....   | 32 beds        |
| Available air space.....  | 32,324 cu. ft. |
| Excess of population..... | 0              |

|                           |                |
|---------------------------|----------------|
| Section 3 contains.....   | 48 beds        |
| Available air space.....  | 26,040 cu. ft. |
| Excess of population..... | 22             |

|                           |                |
|---------------------------|----------------|
| Section 4 contains.....   | 23 beds        |
| Available air space.....  | 15,708 cu. ft. |
| Excess of population..... | 18             |

|                           |                |
|---------------------------|----------------|
| Section 5 contains.....   | 27 beds        |
| Available air space.....  | 15,708 cu. ft. |
| Excess of population..... | 12             |

Ward V—

|                           |                |
|---------------------------|----------------|
| Section contains .....    | 65 beds        |
| Available air space.....  | 47,138 cu. ft. |
| Excess of population..... | 18             |

Ward VI—

|                           |                |
|---------------------------|----------------|
| Contains .....            | 68 beds        |
| Available air space.....  | 42,874 cu. ft. |
| Excess of population..... | 26             |

*Nursery Section.*

|                           |                |
|---------------------------|----------------|
| Contains .....            | 52 beds        |
| Available air space.....  | 38,220 cu. ft. |
| Excess of population..... | 14             |

*Colored Female Department.*

Ward G—

|                           |                |
|---------------------------|----------------|
| Section 1 contains.....   | 56 beds        |
| Available air space.....  | 38,220 cu. ft. |
| Excess of population..... | 18             |

|                           |                |
|---------------------------|----------------|
| Section 2 contains.....   | 49 beds        |
| Available air space.....  | 51,048 cu. ft. |
| Excess of population..... | 3              |

## Ward K—

|                           |                |
|---------------------------|----------------|
| Contains .....            | 60 beds        |
| Available air space.....  | 24,120 cu. ft. |
| Excess of population..... | 25             |

## Ward H and Sitting Room—

|                           |                |
|---------------------------|----------------|
| Contains .....            | 101 beds       |
| Available air space.....  | 86,312 cu. ft. |
| Excess of population..... | 15             |

## Ward M—

|                           |               |
|---------------------------|---------------|
| Section 1 contains.....   | 9 beds        |
| Available air space.....  | 7,290 cu. ft. |
| Excess of population..... | 2             |

## Ward L—

|                           |                |
|---------------------------|----------------|
| Section 2 contains.....   | 24 beds        |
| Available air space.....  | 20,500 cu. ft. |
| Excess of population..... | 4              |

*White Female Department.*

## Ward J—

|                           |                |
|---------------------------|----------------|
| Contains .....            | 59 beds        |
| Available air space.....  | 36,062 cu. ft. |
| Excess of population..... | 23             |

## Ward E—

|                           |                |
|---------------------------|----------------|
| Contains .....            | 64 beds        |
| Available air space.....  | 50,024 cu. ft. |
| Excess of population..... | 14             |

## Ward F—

|                           |                |
|---------------------------|----------------|
| Contains .....            | 73 beds        |
| Available air space.....  | 48,132 cu. ft. |
| Excess of population..... | 25             |



## Ward D—

|                           |                |
|---------------------------|----------------|
| Section 1 contains.....   | 58 beds        |
| Available air space.....  | 48,000 cu. ft. |
| Excess of population..... | 10             |
| Section 2 contains.....   | 27 beds        |
| Available air space.....  | 11,232 cu. ft. |
| Excess of population..... | 16             |

## Ward B—

|                           |                |
|---------------------------|----------------|
| Section 1 contains.....   | 39 beds        |
| Available air space.....  | 48,000 cu. ft. |
| Excess of population..... | 0              |
| Section 2 contains.....   | 31 beds        |
| Available air space.....  | 11,232 cu. ft. |
| Excess of population..... | 21             |

## Ward A—

|                           |                |
|---------------------------|----------------|
| Section 1 contains.....   | 32 beds        |
| Available air space.....  | 37,920 cu. ft. |
| Excess of population..... | 0              |
| Section 2 contains.....   | 30 beds        |
| Available air space.....  | 14,920 cu. ft. |
| Excess of population..... | 16             |

A summary of the excess of population by departments shows

|                                |     |
|--------------------------------|-----|
| White male department.....     | 115 |
| White female department.....   | 126 |
| Colored female department..... | 65  |
| <hr/>                          |     |
| Total .....                    | 306 |

The colored male department is the only one where sufficient room for future needs is still available.

The need of a pathological laboratory and a pathologist

is very urgent. Without the help afforded by this adjunct, scientific work can not be engaged in. The institution had a pathologist once, but, owing to certain unfortunate circumstances, it was deemed best to temporarily suspend the appointment until a new and suitable laboratory could be erected. This building is now nearing completion at an early date. Hence, a pathologist should be appointed without delay.

At the present time the State Board of Health Laboratory in Jacksonville is making all our Wassermans for us free of charge. This manner of doing things entails considerable loss of time to the patient who may be urgently in need of treatment owing to a hidden syphilis or some other grave condition. A week always lapses before we can get a report from the laboratory. Who shall say that a week lost may not become the turning point between a curable and an incurable condition? With a pathologist on the ground and working in an efficiently equipped laboratory a diagnosis can be made in one hour if need be on many conditions that require immediate solution, but that cannot be so solved, because we are not all pathologists.

A library for the use of the medical staff is an urgent need. It will no doubt come as a surprise to many persons to learn that up to a very recent time the staff members have been obligated to purchase their own medical books in order to keep abreast of the times as far as their salary would allow. That what books have been bought are not nearly adequate is shown by the appended list, comprising the present library:

The American Journal of Insanity—monthly.

The Psychoanalytic Review—quarterly.

Diseases of Children; Jacoby—1910.

Infectious Diseases; Salinger—1910.

Diseases of the Digestive Tract; Salinger—1910.

Diseases of Metabolism; Salinger—1910.

Diseases of the Nervous System; Salinger—1910.

Section on Nervous and Mental Diseases; A. M. A.—  
1909 to 1915, inclusive.

Gray's Anatomy—1916.

Kaplan's Serology—1916.

The Institutional Care of the Insane—1916.

Only one medical periodical of general medical interest is received in the institution. This is received by the Chief Physician and paid for by him. It is hoped that authority will be given in the near future to permit the medical staff to order such medical publications as will appeal to it as being needed.

A new and efficient system of calls and telephones should be installed in the institution. There should be a telephone on every ward throughout the institution and the medical officers' desks should be provided with desk phones. The present absence of such facilities is a cause and means of much loss of time in forcing officials to personally search for some one at times urgently needed. The other advantages of having such an efficient system are too obvious to need amplification.

The present sanitary condition of the kitchen leaves much to be desired. Most of the condition is due to the old range, that is in bad condition. At present and until a new range is bought it will be difficult to remedy the sanitary aspect. It is my opinion that a new kitchen should be built or the present one remodeled and the latest cooking appliances installed. This will undoubtedly be recommended in your report.

A greater supply of green and fresh vegetables is also much desired. I venture to suggest that a competent gardener, one who is familiar with intensive methods of gardening, be employed. Such a man would be a paying investment to the institution, the patient's diet would be more varied, much pleasant and light work would be afforded to many patients, with benefit to both mind and body.

The present system of caring for the sick is in some re-

spects cumbersome and time-wasting. It consists of the Receiving Hospital, where all newly committed white patients are admitted as well as those who become sick in the institution. The colored patients received do not enter the Receiving Hospital but go each into a department of their own. There is no suitable operating room in either the colored male or female departments. In the colored male department, the Supervisor's office is used as the operating room when an operation requiring an anaesthetic has to be performed. The equipment of this room consists of a folding table, that is very unsafe for a heavy patient, and a sterilizing outfit that has to be heated with gasoline. The instruments, dressings, etc., have to be carried over from the Receiving Hospital, and then carried back after the operation. In the colored female department there is a suitable room without equipment. What equipment there is in this room is the personal property of the Chief Physician. It consists of a sterilizer for instruments, heated with an alcohol stove, a wash stand and an examination table. There are no hot nor cold water facilities in it, water having to be carried there from the bathroom at the other end of the ward when needed. These conditions suggest to me that all newly committed patients, whether white or colored, and whenever any of them become sick after commitment should be housed and received under the same roof, in a building so constructed as to permit of the proper separation of the races. The present Receiving Hospital could be so modified at a minimum of expense. The general operating room could then become available for all patients without delay and waste of time and the work of caring for the sick would be expedited with a great saving of time for other work.

If this is not done or not considered expedient, I would suggest that proper surgical equipment be pur-

chased for each department, and that the rooms set apart for operating rooms in the colored sick wards be equipped for the purpose for which they are intended.

The institution needs a good X-ray outfit. We have at present what is known as high frequency coil, purchased at the cost of \$300.00 some years ago. The present value of this outfit can be estimated best by the fact that \$75.00 has been offered for it in exchange as part payment on a standard apparatus. It is not possible to here enumerate the various uses that a proper and standard instrument can be used for. Suffice it to say that today no institution laying claim to being a hospital is without its up-to-date X-ray equipment. It is not only a valuable means of treatment, but has become the diagnostic instrument "par excellence" of the day. It is for this reason alone that the hospital needs an X-ray. Tuberculosis, cancers of the internal viscera, ulcer of the stomach, ptosis of the various abdominal organs, tumors within the cranial cavity, fractures and dislocations, foreign bodies anywhere, all these can be diagnosed much better and earlier with the X-ray than with the older methods. Surgical conditions can be ascertained with certainty, whereas before an exploratory operation was needed to determine the condition. The cost of an X-ray, such as the hospital should have, will range between \$2,500 and \$3,000. I take it for granted that it is not above the dignity of the State of Florida to make such a purchase.

Like my predecessor, I again take up the matter of the Nurses' Home. I know of no good reason why this institution should not have such a building, and of several reasons why it should. At present, the majority of our attendants, are compelled to sleep in the wards. This entails several inconveniences that may amount to hardships at times. If some patients are noisy, the attendants cannot sleep until the noise subsides. When it is considered that this can happen night after night,



the reason for sleeping quarters away from the wards should be obvious. Then, again, the attendants in coming into the wards to retire to their quarters must, at times, disturb the sleeping patients, who, resenting the disturbance, will make their displeasure known by loudly complaining, and consequently disturbing the rest of the ward. The attendants' quarters also take up much room that could be used in relieving the overcrowding. With the attendants out of the way, the rooms could be torn down, thus opening the ward, with consequent better ventilation and more air. Finally, I feel that the service here should be made as attractive as possible to those who would possibly devote their life to the service of the State in this institution. By giving to the attendants decent rooms with light, hot and cold water facilities, good substantial furniture and a maximum of that privacy that all human beings crave at times, a good class of attendants could be drawn to the service, and those that are good would stick to it, perhaps indefinitely, becoming more and more valuable employees as the years go by. The Nurses' Home should have all the facilities that afford healthy recreations and should be as home-like as possible. It must be remembered that the institution is located in an isolated locality, and that the usual means of divertisement and amusement that every normal human being craves are not to be had in Chatahoochee.

The new Tuberculosis ward was opened on October 1, 1915. There is no department of the institution that has received more unstinted favor and admiration on the part of visitors in general, and on the part of institution men in particular. Many have gone so far as to state that this was the best Tuberculosis ward known in the States. The building is of pleasing proportions and architecture and fulfills entirely the purpose for which it was erected. The grounds are beautifully laid out with concrete walks, and the plots planted with trees



and shrubbery that will make it a thing of beauty in the course of a few years. Benches for the use of patients are placed at appropriate places, where they can enjoy the sunshine and fresh air, they so much need for their condition.

Here is a list of patients admitted to the Tuberculosis ward, with results:

|  |    |
|--|----|
| Admitted from Dec. 6, 1915, to Jan. 1, 1917..... | 30 |
| Died from Dec. 6, 1915, to Jan. 1, 1917.....     | 10 |
| Discharged from the institution as cured.....    | 1  |
| Returned to the wards as cured.....              | 5  |
| Remaining under treatment.....                   | 14 |

Since September 1, 1916, the following number of sick have been treated by the Medical Staff:

*Colored Female Department.*

September—

|                                |      |
|--------------------------------|------|
| Total number of sick days..... | 416  |
| Daily average of sick.....     | 11.6 |

October—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 416   |
| Daily average of sick.....     | 10.69 |

December—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 344   |
| Daily average of sick.....     | 11.00 |

*Colored Male Department.*

September—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 666   |
| Daily average of sick.....     | 22.00 |

October—

|                                |     |
|--------------------------------|-----|
| Total number of sick days..... | 853 |
| Daily average of sick.....     | 27½ |

## November—

|                                |     |
|--------------------------------|-----|
| Total number of sick days..... | 886 |
| Daily average of sick.....     | 24½ |

## December—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 837   |
| Daily average of sick.....     | 27.00 |

*White Female Department.*

## September—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 923   |
| Daily average of sick.....     | 31.00 |

## October—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 1029  |
| Daily average of sick.....     | 33.00 |

## November—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 1030  |
| Daily average of sick.....     | 34.00 |

## December—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 1051  |
| Daily average of sick.....     | 37.00 |

*White Male Department.*

## September—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 1333  |
| Daily average of sick.....     | 44.00 |

## October—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 1857  |
| Daily average of sick.....     | 60.00 |

## November—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 1874  |
| Daily average of sick.....     | 62.00 |

## December—

|                                |       |
|--------------------------------|-------|
| Total number of sick days..... | 2225  |
| Daily average of sick.....     | 71.00 |

Our drug department is in charge of Mr. B. F. Bache, Pharmacist, who has very ably conducted this department. Mr. Bache's time is always fully occupied either filling prescriptions or manufacturing from crude material many preparations that we use, thus saving the State considerable money. The purchasing of drugs is done by the Chief Physician, who knows what is needed and endeavors to be as economical as the requirements warrant. It must, however, be apparent that a much greater saving could be made in the purchase of drugs and chemicals, and the various sundries needed in the drug store and in the hospital, if a yearly supply would be purchased through competitive bids. It could be ascertained without too much time being consumed what a yearly supply would amount to.

The establishment of an industrial department for the therapeutic use of work as a possible means of recovery from insanity has been requested many times by the previous Chief Physicians. The institution should have such a department. After the first cost of installation, these departments are invariably self-supporting, provided some saleable articles are manufactured. I am informed by creditable persons that in one of the Southern States the industrial department has yielded an annual revenue of not less than \$2,000.00. Aside from this financial revenue, the gain to the State has been less destruction of clothing and other property by the patients, better health, more contentment and more recoveries.

TABLE NUMBER 1A.

Abstract Invoices approved in the Office of the Superintendent for 1915.

Note—The following table shows dates of approval of invoices, and not the date when same were paid by Comptroller.

## INVOICES PAYABLE FROM APPROPRIATION FOR MAINTENANCE.

| PURPOSE FOR WHICH EXPENDED                        | January      | February     | March        | April        | May          | June         | July         | August       | September    | October      | November     | December     | Totals        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Groceries .....                                   | \$ 6,430.37  | \$ 5,892.15  | \$ 6,467.00  | \$ 6,251.93  | \$ 6,685.16  | \$ 5,932.77  | \$ 7,358.50  | \$ 6,506.03  | \$ 7,021.74  | \$ 8,298.83  | \$ 6,821.88  | \$ 9,151.01  | \$ 82,817.37  |
| Dry Goods & Clothing.....                         |              | 6.44         | 763.65       | 8,274.71     | 1,064.20     | 1,295.27     | 233.06       | 175.86       | 2,785.53     | 8,378.46     | 5,899.75     | 822.61       | 29,699.54     |
| Repairs & Renewals.....                           | 4,077.91     | 3,740.10     | 5,962.20     | 5,108.18     | 4,913.68     | 5,881.15     | 2,687.14     | 3,054.78     | 2,529.69     | 6,436.92     | 3,386.36     | 4,469.94     | 52,248.05     |
| Drugs & Drug Sundries.....                        | 307.61       | 745.64       | 426.68       | 336.53       | 411.74       | 657.97       | 410.98       | 571.65       | 456.04       | 342.74       | 209.71       | 839.55       | 5,716.84      |
| Transportation .....                              | 788.99       | 1,138.77     | 1,029.99     | 1,069.03     | 866.43       | 664.85       | 1,398.35     | 964.75       | 879.16       | 897.22       | 942.69       | 815.51       | 11,455.74     |
| Pay Roll .....                                    | 6,543.08     | 6,610.63     | 7,088.80     | 7,238.74     | 7,592.19     | 7,628.20     | 7,594.45     | 7,473.55     | 7,463.25     | 7,596.93     | 7,425.28     | 7,573.01     | 87,828.11     |
| Farm .....  |              | 280.96       |              |              | 30.48        |              |              |              | 5.00         | 30.40        |              |              | 346.84        |
| Expense of Members of Medical Visiting Staff..... |              | 25.00        |              |              |              | 25.00        |              | 17.15        |              |              | 39.10        | 18.95        | 125.20        |
| Real Estate .....                                 |              |              |              |              |              |              |              |              |              |              |              | 1,500.00     | 1,500.00      |
| Tuberculosis Hospital .....                       | 266.62       | 458.00       | 1,480.52     | 1,441.91     | 412.19       | 714.43       | 2,225.57     |              |              |              |              |              | 6,999.24      |
| Incidental Cash Accoun.....                       |              |              |              |              |              | 116.91       | 613.42       | 559.43       | 1,626.82     | 915.06       |              | 211.92       | 4,043.56      |
| Totals .....                                      | \$ 18,414.58 | \$ 18,897.69 | \$ 23,218.84 | \$ 29,721.03 | \$ 21,976.07 | \$ 22,916.55 | \$ 22,521.47 | \$ 19,323.20 | \$ 22,767.23 | \$ 32,896.56 | \$ 24,724.77 | \$ 25,402.50 | \$ 282,780.49 |

TABLE NUMBER 1A, 1915—(Continued.)

## INVOICES PAYABLE FROM APPROPRIATION FOR IMPROVEMENTS AND REPAIRS.

| PURPOSE FOR WHICH EXPENDED.       | January  | February | March    | April    | May      | June     | July      | August    | September   | October     | November    | December    | Totals       |
|-----------------------------------|----------|----------|----------|----------|----------|----------|-----------|-----------|-------------|-------------|-------------|-------------|--------------|
| Sewer System .....                | \$ ..... | \$ ..... | \$ ..... | \$ ..... | \$ ..... | \$ ..... | \$ 367.02 | \$ 361.28 | \$ 280.45   | \$ .....    | \$ .....    | \$ .....    | \$ 1,008.75  |
| Dam and Water Works.....          |          |          |          |          |          |          | 452.72    | 429.07    | 4,466.00    | 1,469.86    | 1,684.61    | 446.98      | 8,949.24     |
| Dairy and Barn.....               |          |          |          |          |          |          |           |           | 8.93        | 364.00      | 46.02       | 223.33      | 642.28       |
| Cash for Freight on Material..... |          |          |          |          |          |          |           |           |             |             | 543.40      | 344.35      | 887.75       |
| Totals .....                      | \$ ..... | \$ ..... | \$ ..... | \$ ..... | \$ ..... | \$ ..... | \$ 819.74 | \$ 190.35 | \$ 4,755.38 | \$ 1,833.86 | \$ 2,274.03 | \$ 1,014.66 | \$ 11,488.02 |



TABLE NUMBER 1B.

Abstract of Invoices approved in the Office of the Superintendent for 1916.

Note.—The following table shows dates of approval of Invoices, and not the date when same were paid by Comptroller.

## INVOICES PAYABLE FROM APPROPRIATION FOR MAINTENANCE.

| PURPOSE FOR WHICH EXPENDED.                     | January      | February     | March        | April        | May          | June         | July         | August       | September    | October      | November     | December     | Totals        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Groceries .....                                 | \$ 8,345.36  | \$ 7,636.85  | \$ 7,985.08  | \$ 7,462.83  | \$ 8,561.58  | \$ 8,570.63  | \$ 7,968.82  | \$ 11,153.98 | \$ 7,853.96  | \$ 6,616.96  | \$ 9,284.41  | \$ 8,876.92  | \$ 100,317.38 |
| Dry Goods and Clothing.....                     | 66.03        | 221.05       | 30.10        | 4,501.78     | 4,628.68     | 1,873.86     | 12.52        | 494.22       | .....        | 5,650.06     | 4,711.81     | 605.35       | 22,795.46     |
| Repairs and Renewals.....                       | 4,025.67     | 3,315.45     | 3,915.51     | 3,410.21     | 3,434.72     | 3,591.67     | 2,930.17     | 2,729.12     | 4,106.10     | 4,056.67     | 3,643.23     | 4,016.96     | 43,175.48     |
| Drugs and Drug Sundries.....                    | 1,032.81     | 1,028.64     | 474.14       | 493.73       | 170.64       | 583.45       | 325.45       | 405.73       | 261.94       | 657.97       | 320.85       | 580.68       | 6,336.03      |
| Transportation .....                            | 584.72       | 1,196.62     | 1,139.33     | 1,027.43     | 846.80       | 1,009.55     | 935.64       | 737.15       | 329.95       | 626.15       | 744.05       | 337.75       | 9,515.14      |
| Pay Roll .....                                  | 7,739.87     | 7,424.39     | 7,452.62     | 7,273.37     | 7,218.13     | 7,310.82     | 7,224.34     | 7,129.89     | 7,274.72     | 7,149.14     | 6,997.57     | 7,008.11     | 87,202.97     |
| Farm .....                                      | .....        | 202.17       | 87.91        | 36.50        | .....        | .....        | .....        | .....        | 30.10        | 5.00         | .....        | .....        | 361.68        |
| Expense of Members of Medical Visiting Staff... | 25.00        | .....        | .....        | 39.00        | 17.90        | .....        | 44.60        | 16.15        | 18.20        | 27.00        | 34.25        | .....        | 222.10        |
| Incidental Cash Account.....                    | 341.78       | 230.33       | 239.11       | 313.18       | 554.77       | 149.40       | 207.46       | 135.66       | 254.58       | 309.97       | 117.30       | 110.42       | 2,963.96      |
| Totals .....                                    | \$ 22,161.24 | \$ 21,255.00 | \$ 21,323.80 | \$ 24,558.03 | \$ 25,433.22 | \$ 23,089.38 | \$ 19,649.00 | \$ 22,801.90 | \$ 20,129.55 | \$ 25,098.92 | \$ 25,853.47 | \$ 21,536.19 | \$ 272,890.20 |

TABLE NUMBER 1B, 1916—(Continued.)

## INVOICES PAYABLE FROM APPROPRIATION FOR IMPROVEMENTS AND REPAIRS.

| PURPOSE FOR WHICH EXPENDED        | January     | February    | March     | April     | May      | June        | July      | August      | September | October  | November | December  | Totals       |
|-----------------------------------|-------------|-------------|-----------|-----------|----------|-------------|-----------|-------------|-----------|----------|----------|-----------|--------------|
| Sewer System .....                | \$ 232.42   | \$ 16.00    | \$ 12.00  | \$ .....  | \$ ..... | \$ .....    | \$ .....  | \$ .....    | \$ .....  | \$ ..... | \$ ..... | \$ .....  | \$ 260.42    |
| Dam and Water Works.....          | 342.71      | 1,743.40    | 527.85    | 302.75    | 12.60    | 1,715.65    | 47.27     | 8,046.33    | 670.92    | .....    | .....    | 708.07    | 14,117.55    |
| Dairy and Barn.....               | 908.66      | 137.80      | .....     | .....     | .....    | .....       | .....     | .....       | .....     | .....    | .....    | .....     | 1,046.46     |
| Labaratory Building .....         | 360.00      | 348.26      | 90.20     | .....     | .....    | .....       | .....     | .....       | .....     | .....    | .....    | .....     | 798.46       |
| Hospital Sidetrack .....          | .....       | 101.40      | 54.76     | 27.00     | .....    | .....       | 83.47     | .....       | .....     | .....    | .....    | .....     | 266.63       |
| Cash for Freight on Material..... | 400.21      | 59.00       | 164.74    | .....     | .....    | .....       | 217.65    | 298.14      | 172.69    | 48.06    | 13.03    | .....     | 1,373.52     |
| Totals .....                      | \$ 2,244.00 | \$ 2,405.86 | \$ 849.55 | \$ 329.75 | \$ 12.60 | \$ 1,715.65 | \$ 348.39 | \$ 8,344.47 | \$ 843.61 | \$ 48.06 | \$ 13.03 | \$ 708.07 | \$ 17,863.04 |

TABLE No. 3

This does not include work done by patients on the wards, nor repairing, all of which is done by patients.

|                               | 1915  | 1916  | Total  |
|-------------------------------|-------|-------|--------|
| Sheets .....                  | 7,482 | 6,834 | 14,326 |
| Towels .....                  | 3,453 | 3,041 | 6,494  |
| Table Cloths .....            | 746   | 587   | 1,333  |
| Bed Ticks (New.....)          | 410   | 156   | 566    |
| Bed Ticks (Repaired.....)     | 1,198 | 754   | 1,952  |
| Pillow Ticks .....            | 384   | 407   | 791    |
| Pillow Cases .....            | 4,971 | 3,603 | 8,574  |
| Laundry Bags .....            | 10    | 69    | 79     |
| Aprons .....                  | 175   | 115   | 290    |
| Curtains (Window, etc.).....  | 331   | 399   | 730    |
| Shrouds .....                 | 419   | 165   | 584    |
| Dresses .....                 | 3,704 | 4,018 | 7,722  |
| Underskirts .....             | 788   | 1,003 | 1,791  |
| Ladies' Drawers .....         | 777   | 913   | 1,690  |
| Chemises .....                | 2,196 | 1,621 | 3,817  |
| Gowns .....                   | 749   | 1,413 | 2,162  |
| Shirts .....                  | 2,866 | 2,635 | 5,501  |
| Night Shirts .....            | 2,811 | 2,290 | 5,101  |
| Mens' Drawers .....           | 1,243 | 1,595 | 2,838  |
| Boys' Suits .....             | 15    | 9     | 24     |
| Boys' Pants .....             | 12    | 8     | 20     |
| Boys' Underwaist .....        | 6     | 5     | 11     |
| Boys' Drawers .....           | 14    | 11    | 25     |
| Boys' Union Suits, Khaki..... | 8     | 81    | 89     |
| Boys' Khaki Shirts .....      | 22    | 63    | 85     |
| Children Dresses .....        | 18    | 63    | 81     |
| Baby Clothes .....            | 34    | 25    | 59     |
| Baby Napkins .....            | 36    | 54    | 90     |
| Baby Wraps .....              | 3     | 4     | 7      |
| Candy Bags .....              | 1,585 | 1,615 | 3,200  |
| Coffee Bags .....             | 6     | 6     | 12     |
| Table Napkins .....           | 94    | 43    | 137    |
| Table Pads .....              | 4     | 6     | 10     |
| Bed Straps .....              | ....  | 96    | 96     |



TABLE No. 4

Showing Farm and Truck Products during the years 1915-16.

|                       | 1915<br>Bbls. | 1916<br>Bbls. | Total<br>Bbls. |
|-----------------------|---------------|---------------|----------------|
| Turnips .....         | 440           | 125           | 565            |
| Collards .....        | 235           | 215           | 450            |
| Cabbage .....         | 315           | 218           | 533            |
| Squash .....          | 170           | 115           | 285            |
| Rutabagas .....       | 318           | 235           | 553            |
|                       | Bush.         | Bush.         | Bush.          |
| Beets .....           | 122           | 115           | 237            |
| Carrots .....         | 73            | 18            | 91             |
| Onions .....          | 442           | 268           | 710            |
| Sugar Corn .....      | 127           | 119           | 246            |
| Corn .....            | 408           | 125           | 533            |
| Tomatoes .....        | 55            | 35            | 90             |
| Green Peas .....      | 43            | 62            | 105            |
| Egg Plant .....       | 53            | 32            | 85             |
| Snap Beans .....      | 132           | 58            | 190            |
| Okra .....            | 47            | 19            | 66             |
| English Peas .....    | 28            | 12            | 40             |
| Radish .....          | 42            | 34            | 76             |
| Sweet Potatoes .....  | 1,843         | 1,823         | 3,666          |
| Irish Potatoes .....  | 242           | 380           | 622            |
|                       | Lbs.          | Lbs.          | Lbs.           |
| Pork .....            | 29,206        | 25,121        | 54,327         |
| Lard .....            | 1,123         | 907           | 2,040          |
| Beef .....            | ....          | 2,122         | 2,122          |
|                       | Tons          | Tons          | Tons           |
| Ensilage .....        | 325           | 332           | 657            |
| Millet .....          | 22            | 37            | 59             |
| Green Corn .....      | 15            | 28            | 43             |
| Cow Lot Manure.....   | 632           | 535           | 1,167          |
| Barn Yard Manure..... | 273           | 248           | 521            |

TABLE No. 5

| Showing Dairy Products Issued During 1915-16. |        |        |        |
|---|--------|--------|--------|
|   | 1915   | 1916   | Total  |
|   | Gals.  | Gals.  | Gals.  |
| Milk .....                                    | 27,275 | 23,725 | 51,000 |
| Butter milk .....                             | 1,095  | 730    | 1,825  |
|   | Lbs.   | Lbs.   | Lbs.   |
| Butter .....                                  | 10,950 | 9,125  | 20,075 |

## Number of Cows in Hospital Herd.

|                  |    |
|------------------|----|
| Milch Cows ..... | 56 |
| Calves .....     | 6  |
| Heifers .....    | 31 |
| Bulls .....      | 2  |
| Total .....      | 99 |

TABLE No. 6

## Showing Number of Loads Hauled with Hospital Teams During 1915-16

|  | 1915  | 1916  | Total  |
|--|-------|-------|--------|
|  | Loads | Loads | Loads  |
| Coal .....                             | 7,711 | 9,125 | 16,836 |
| Miscellaneous Loads .....              | 2,840 | 2,848 | 5,688  |
| Miscellaneous from Hospital Spur.....  | 442   | 353   | 795    |
| Miscellaneous from River Junction..... | 324   | 293   | 617    |
| Logs .....                             | 1,842 | 1,465 | 5,307  |
| Mules on hand January 1, 1917.....     |       |       | 17     |
| Horses on hand January 1, 1917.....    |       |       | 2      |

TABLE No. 7

Showing Number Resident, Admitted, Total Number Treated, Monthly Per Capita Expense, Number and Percentage of Deaths and Recoveries Each Year Since 1893.

| Year. | Residence at Beginning of Year. | Admitted During the Year. | Total Number Treated During the Year. | Per Capita Expense of Average Monthly Population. | Number Recovered. | Percentage of Recoveries of Total Number Treated. | Number of Deaths. | Percentage of Deaths. |
|-------|---------------------------------|---------------------------|---------------------------------------|---|-------------------|---|-------------------|-----------------------|
| 1893  | 272                             | 106                       | 378                                   | \$ . . . .  | 23                | 6.09  | 59                | 15.60                 |
| 1894  | 275                             | 132                       | 407                                   | 9.98  | 34                | 8.32  | 29                | 7.12                  |
| 1895  | 305                             | ....                      | 365                                   | 11.48   | 32                | 8.76  | 39                | 10.68                 |
| 1896  | 288                             | 171                       | 459                                   | 10.81   | 39                | 8.49  | 35                | 7.67                  |
| 1897  | 373                             | 175                       | 548                                   | 9.37  | 39                | 7.11  | 51                | 9.30                  |
| 1898  | 443                             | 230                       | 673                                   | 8.72  | 70                | 10.43   | 92                | 13.67                 |
| 1899  | 491                             | 221                       | 712                                   | 11.20   | 65                | 9.26  | 69                | 9.83                  |
| 1900  | 561                             | 219                       | 780                                   | 9.36  | 59                | 7.57  | 94                | 12.05                 |
| 1901  | 601                             | 274                       | 875                                   | 9.19  | 87                | 10.00   | 118               | 13.49                 |
| 1902  | 640                             | 286                       | 926                                   | 9.29  | 108               | 11.66   | 102               | 11.00                 |
| 1903  | 697                             | 237                       | 934                                   | 9.77  | 80                | 8.56  | 104               | 11.11                 |
| 1904  | 734                             | 305                       | 1,039                                 | 9.60  | 125               | 12.30   | 146               | 14.05                 |
| 1905  | 710                             | 248                       | 958                                   | 10.03   | 131               | 13.67   | 99                | 10.33                 |
| 1906  | 695                             | 254                       | 952                                   | 11.89   | 97                | 10.18   | 97                | 10.18                 |
| 1907  | 717                             | 318                       | 1,035                                 | 15.61   | 112               | 10.82   | 134               | 12.94                 |
| 1908  | 730                             | 298                       | 1,028                                 | 13.72   | 88                | 8.56  | 119               | 11.57                 |
| 1909  | 793                             | 335                       | 1,128                                 | 12.75   | 104               | 9.22  | 108               | 9.57                  |
| 1910  | 880                             | 329                       | 1,209                                 | 14.61   | 99                | 8.18  | 119               | 9.84                  |
| 1911  | 929                             | 443                       | 1,372                                 | 13.44   | 80                | 5.83  | 97                | 7.06                  |
| 1912  | 1,112                           | 381                       | 1,493                                 | 14.10   | 97                | 6.49  | 182               | 12.12                 |
| 1913  | 1,107                           | 490                       | 1,597                                 | 14.85   | 147               | 9.20  | 135               | 8.45                  |
| 1914  | 1,201                           | 590                       | 1,791                                 | 14.74   | 131               | 7.92  | 200               | 11.11                 |
| 1915  | 1,336                           | 657                       | 1,993                                 | 17.11   | 124               | 6.22  | 300               | 15.05                 |
| 1916  | 1,417                           | 563                       | 1,980                                 | 15.65   | 146               | 7.37  | 229               | 11.56                 |

TABLE No. 8.

Showing Dental Work Done and Report of Odontologists, J. G. Wilson, D.D.S., for the Patients in the Florida Hospital for the Insane During the Years 1915-16.

|   |       |
|---|-------|
| Number Teeth Extracted .....                | 1,233 |
| Number Teeth Treated .....                  | 836   |
| Number Abscesses Treated .....              | 157   |
| Number Crowns Reset .....                   | 4     |
| Number Sets Tarter Removed and Cleaned..... | 108   |
| Number Cement Fillings .....                | 18    |
| Number Silver Fillings .....                | 118   |
| Number Pyorrhea Cases Treated.....          | 60    |
| Number of Fillings Removed .....            | 1     |
| Number of Bridges Repaired and Reset.....   | 2     |
| Number of Upper Sets Regulated.....         | 1     |
| Number of Gutta Percha Fillings.....        | 10    |
| Number of Plates Repaired .....             | 2     |
| Total .....                                 | 2,550 |

TABLE No. 9

Showing Movement of Patients During the Year 1915.

|   | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|---|---------------|-----------------|--------------|----------------|-------------|
| Present Jan. 1, 1915.....                           | 376           | 330             | 364          | 266            | 1,336       |
| Admitted during 1915.....                           | 204           | 157             | 175          | 121            | 657         |
| On furlough Jan. 1, 1915.....                       | 59            | 50              | 20           | 25             | 154         |
| Total to be accounted for.                          | 639           | 537             | 559          | 412            | 2,147       |
| Discharged from Hospital:                           |               |                 |              |                |             |
| (a) As restored .....                               | 47            | 29              | 29           | 19             | 124         |
| (b) As restored and harm-<br>less .....             | 25            | 21              | 14           | 9              | 69          |
| (c) Transferred to other<br>States .....            | 10            | 1               | 0            | 0              | 11          |
| (d) As not insane.....                              | 2             | 1               | 2            | 0              | 5           |
| (e) By terms of furlough....                        | 16            | 19              | 7            | 10             | 52          |
| Died in hospital.....                               | 65            | 61              | 110          | 64             | 300         |
| Died while on furlough.....                         | 6             | 1               | 1            | 0              | 8           |
| Eloped .....  | 2             | 0               | 8            | 0              | 10          |
| Returned from furlough on new<br>commitment .....   | 1             | 2               | 1            | 1              | 5           |
| On furlough Dec. 31, 1915.....                      | 54            | 46              | 18           | 28             | 146         |
| Total discharged, died,<br>eloped and on furlough.. | 228           | 181             | 190          | 131            | 730         |
| Present Jan. 1, 1916.....                           | 411           | 356             | 369          | 281            | 1,417       |
| On furlough Jan. 1, 1916.....                       | 54            | 46              | 18           | 28             | 146         |
| Total on roll Jan. 1, 1916..                        | 465           | 402             | 387          | 309            | 1,563       |

TABLE No. 10

Showing Movement of Patients During the Year 1916.

|   | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | Total. |
|---|---------------|-----------------|--------------|----------------|--------|
| Present Jan. 1, 1916.....                           | 411           | 256             | 369          | 281            | 1,417  |
| Admitted during year.....                           | 219           | 110             | 140          | 94             | 563    |
| On furlough Jan. 1, 1916.....                       | 54            | 46              | 18           | 28             | 146    |
| Total to be accounted for..                         | 684           | 512             | 527          | 403            | 2,126  |
| Discharged from the Hospital:                       |               |                 |              |                |        |
| (a) As restored .....                               | 57            | 19              | 41           | 29             | 146    |
| (b) As improved and harm-<br>less .....             | 25            | 6               | 14           | 11             | 56     |
| (c) Transferred to other<br>States .....            | 6             | 5               | 0            | 0              | 11     |
| (d) Not insane .....                                | 7             | 0               | 0            | 0              | 7      |
| (e) By terms of furlough....                        | 24            | 17              | 4            | 23             | 68     |
| Died in hospital.....                               | 57            | 35              | 84           | 53             | 229    |
| Died while on furlough.....                         | 5             | 3               | 1            | 0              | 9      |
| Returned from furlough on new<br>commitment .....   | 3             | 2               | 1            | 0              | 6      |
| On furlough Dec. 31, 1916.....                      | 32            | 36              | 8            | 25             | 101    |
| Total discharged, died,<br>eloped and on furlough.. | 219           | 123             | 161          | 141            | 644    |
| Present Jan. 1, 1917.....                           | 465           | 389             | 366          | 262            | 1,482  |
| On furlough Jan. 1, 1917.....                       | 32            | 36              | 8            | 25             | 101    |
| Total on roll Jan. 1, 1917...                       | 497           | 425             | 374          | 287            | 1,583  |

TABLE No. 11

Showing Number of Residents at First of Each Month.

|                       | 1915.  | 1916.  |
|-----------------------|--------|--------|
| January .....         | 1,336  | 1,417  |
| February .....        | 1,358  | 1,439  |
| March .....           | 1,361  | 1,442  |
| April .....           | 1,377  | 1,451  |
| May .....             | 1,387  | 1,459  |
| June .....            | 1,388  | 1,455  |
| July .....            | 1,373  | 1,449  |
| August .....          | 1,396  | 1,456  |
| September .....       | 1,376  | 1,461  |
| October .....         | 1,387  | 1,469  |
| November .....        | 1,392  | 1,467  |
| December .....        | 1,398  | 1,473  |
| Total .....           | 16,529 | 17,438 |
| Monthly Average ..... | 1,377  | 1,453  |

TABLE No. 12

Mental Diagnosis of Patients Admitted During the Year 1915.

|   | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|---|---------------|-----------------|--------------|----------------|-------------|
| Acute Alcoholic Insanity.....             | 16            | 0               | 5            | 0              | 21          |
| Congenital Deficiency .....               | 6             | 14              | 5            | 0              | 25          |
| Cerebral Syphilis .....                   | 17            | 4               | 20           | 4              | 45          |
| Climacteric Psychoses .....               | 0             | 14              | 0            | 0              | 14          |
| Chronic Alcoholic Insanity....            | 2             | 0               | 1            | 0              | 3           |
| Chronic Dementia .....                    | 0             | 0               | 0            | 6              | 6           |
| Dementia Praecox .....                    | 27            | 20              | 21           | 24             | 92          |
| Epileptic Insanity .....                  | 13            | 3               | 6            | 6              | 28          |
| Epileptic Idiocy .....                    | 2             | 1               | 5            | 0              | 8           |
| Epileptic Imbecile .....                  | 1             | 0               | 0            | 0              | 1           |
| Insanity following Meningitis.            | 0             | 0               | 1            | 0              | 1           |
| Imbecile .....                            | 2             | 0               | 0            | 0              | 2           |
| Locomotor Ataxia .....                    | 2             | 0               | 0            | 0              | 2           |
| Idiocy .....                              | 2             | 0               | 1            | 1              | 4           |
| Manic-depressive Insanity ....            | 49            | 21              | 36           | 28             | 134         |
| Melancholia .....                         | 0             | 15              | 0            | 0              | 15          |
| Not Classified .....                      | 0             | 0               | 0            | 11             | 11          |
| Not Insane .....                          | 2             | 1               | 0            | 0              | 3           |
| Paretic Dementia .....                    | 9             | 0               | 5            | 0              | 14          |
| Post Puerperal Insanity.....              | 0             | 3               | 0            | 4              | 7           |
| Paranoia .....                            | 2             | 5               | 5            | 1              | 13          |
| Pellagrous Insanity .....                 | 8             | 17              | 9            | 21             | 55          |
| Post Typhoid Insanity.....                | 2             | 2               | 1            | 0              | 5           |
| Pre-senile Dementia .....                 | 6             | 4               | 7            | 1              | 18          |
| Senile Dementia .....                     | 25            | 14              | 24           | 7              | 70          |
| Traumatic Insanity .....                  | 1             | 0               | 1            | 1              | 3           |
| Toxic Insanity Due to:                    |               |                 |              |                |             |
| Arterio Sclerosis .....                   | 0             | 0               | 1            | 0              | 1           |
| Aortic Insufficiency .....                | 0             | 0               | 5            | 0              | 5           |
| Tetanus .....                             | 0             | 0               | 1            | 0              | 1           |
| Chronic Interstitial Nephritis            | 4             | 4               | 5            | 3              | 16          |
| Diabetes Melitus .....                    | 1             | 0               | 0            | 0              | 1           |
| Malaria .....                             | 1             | 4               | 0            | 1              | 6           |
| Morphinism .....                          | 2             | 8               | 2            | 0              | 12          |
| Tuberculosis .....                        | 0             | 2               | 8            | 2              | 12          |
| Uterine Cancer .....                      | 0             | 1               | 0            | 0              | 1           |
| Pernicious Anemia .....                   | 1             | 0               | 0            | 0              | 1           |
| Acute Parenchymatous Ne-<br>phritis ..... | 1             | 0               | 0            | 0              | 1           |
| Total .....                               | 204           | 157             | 175          | 121            | 657         |



TABLE No. 13

Mental Diagnosis of Patients Admitted During Year 1916.

|   | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | Total. |
|---|---------------|-----------------|--------------|----------------|--------|
| Acute Alcoholic Insanity .....                  | 14            | 0               | 5            | 0              | 19     |
| Congenital Deficiency .....                     | 8             | 11              | 13           | 4              | 36     |
| Cerebral Syphilis .....                         | 12            | 2               | 18           | 4              | 36     |
| Climacteric Psychoses .....                     | 0             | 7               | 0            | 0              | 7      |
| Chronic Alcoholic .....                         | 1             | 0               | 1            | 0              | 2      |
| Chronic Dementia .....                          | 0             | 0               | 0            | 2              | 2      |
| Dementia Praecox .....                          | 33            | 15              | 15           | 21             | 84     |
| Epileptic Insanity .....                        | 8             | 4               | 6            | 1              | 19     |
| Epileptic Idiocy .....                          | 2             | 1               | 3            | 0              | 6      |
| Epileptic Feeble-minded .....                   | 0             | 0               | 0            | 2              | 2      |
| Epileptic Imbecile .....                        | 0             | 0               | 0            | 2              | 2      |
| Insanity following Cerebral<br>Hemorrhage ..... | 0             | 1               | 3            | 0              | 4      |
| Insanity following Meningitis..                 | 0             | 0               | 1            | 0              | 1      |
| Idiot .....                                     | 4             | 1               | 2            | 1              | 8      |
| Imbecile .....                                  | 0             | 0               | 2            | 1              | 3      |
| Locomotor Ataxia .....                          | 2             | 0               | 6            | 0              | 8      |
| Manic-depressive Insanity .....                 | 49            | 12              | 25           | 22             | 108    |
| Melancholia .....                               | 0             | 13              | 0            | 0              | 13     |
| Not Insane .....                                | 5             | 0               | 0            | 0              | 5      |
| Not Classified .....                            | 1             | 0               | 0            | 1              | 2      |
| Paretic Dementia .....                          | 13            | 1               | 8            | 2              | 24     |
| Paranoia .....                                  | 3             | 1               | 1            | 1              | 6      |
| Pellagrous Insanity .....                       | 7             | 6               | 5            | 6              | 24     |
| Post Typhoid Insanity .....                     | 1             | 1               | 1            | 0              | 3      |
| Pre-senile Dementia .....                       | 5             | 1               | 4            | 3              | 13     |
| Post Puerperal Insanity .....                   | 0             | 4               | 0            | 0              | 4      |
| Post Operative Insanity .....                   | 0             | 3               | 0            | 0              | 3      |
| Senile Dementia .....                           | 35            | 17              | 13           | 14             | 79     |
| Toxic Insanity due to:                          |               |                 |              |                |        |
| Septicemia .....                                | 1             | 1               | 1            | 0              | 3      |
| Diabetes Melitus .....                          | 0             | 1               | 0            | 0              | 1      |
| Acute Nephritis .....                           | 1             | 1               | 0            | 0              | 2      |
| Chr. Interstitial Pnehritis..                   | 3             | 1               | 4            | 1              | 9      |
| Traumatic Insanity .....                        | 0             | 0               | 0            | 1              | 1      |
| Toxic Insanity due to:                          |               |                 |              |                |        |
| Morphinism .....                                | 8             | 1               | 0            | 1              | 10     |
| Tuberculosis .....                              | 1             | 2               | 1            | 4              | 8      |
| Tumor of the Brain .....                        | 0             | 1               | 0            | 0              | 1      |
| Malaria .....                                   | 2             | 1               | 0            | 0              | 3      |
| Arterio-Sclerosis .....                         | 0             | 0               | 1            | 0              | 1      |
| Myocarditis .....                               | 0             | 0               | 1            | 0              | 1      |
| Total .....                                     | 219           | 110             | 140          | 94             | 563    |

TABLE No. 14

Showing Cause of Death of Those Who Died During Year 1915.

|   | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|---|---------------|-----------------|--------------|----------------|-------------|
| Acute Parenchymatous Ne-<br>phritis ..... | 1             | 1               | 0            | 0              | 2           |
| Addison's Disease .....                   | 0             | 1               | 0            | 0              | 1           |
| Aortic Incompetency .....                 | 1             | 1               | 2            | 0              | 4           |
| Arterio Sclerosis .....                   | 1             | 2               | 0            | 1              | 4           |
| Broncho Pneumonia .....                   | 1             | 0               | 0            | 0              | 1           |
| Chronic Interstitial Nephritis.           | 6             | 4               | 5            | 2              | 17          |
| Cerebral Syphilis .....                   | 9             | 2               | 14           | 7              | 32          |
| Cerebral Apoplexy .....                   | 2             | 0               | 2            | 1              | 5           |
| Chronic Alcoholism .....                  | 0             | 0               | 2            | 0              | 2           |
| Chronic Bronchitis .....                  | 1             | 1               | 0            | 0              | 2           |
| Died Suddenly, cause unknown              | 1             | 1               | 3            | 0              | 5           |
| Dropsy .....                              | 0             | 1               | 3            | 2              | 6           |
| Exhaustion Due to:                        |               |                 |              |                |             |
| Manic-depressive Insanity ..              | 3             | 1               | 1            | 4              | 9           |
| Dementia Praecox .....                    | 1             | 2               | 7            | 2              | 12          |
| Senile Dementia .....                     | 8             | 9               | 17           | 7              | 41          |
| Facial Erysipelas .....                   | 0             | 0               | 1            | 0              | 1           |
| Fracture of Femur.....                    | 0             | 1               | 0            | 0              | 1           |
| Lobar Pneumonia .....                     | 2             | 3               | 4            | 3              | 12          |
| Myocarditis .....                         | 0             | 1               | 0            | 0              | 1           |
| Mitral Regurgitation .....                | 2             | 0               | 1            | 1              | 4           |
| Pellagra .....                            | 4             | 13              | 8            | 14             | 39          |
| Paresis .....                             | 10            | 1               | 10           | 3              | 24          |
| Pulmonary Tuberculosis .....              | 3             | 6               | 19           | 7              | 35          |
| Pernicious Anemia .....                   | 1             | 1               | 0            | 1              | 3           |
| Prostatitis .....                         | 1             | 0               | 0            | 0              | 1           |
| Puerperal Eclampsia .....                 | 0             | 2               | 0            | 2              | 4           |
| Status Epilepticus .....                  | 4             | 5               | 5            | 7              | 21          |
| Self-inflicted Trachenotomy...            | 1             | 0               | 0            | 0              | 1           |
| Typhoid Fever .....                       | 1             | 0               | 3            | 0              | 4           |
| Toxemia following Cystitis...             | 0             | 0               | 1            | 0              | 1           |
| Uterine Cancer .....                      | 0             | 1               | 0            | 0              | 1           |
| Total .....                               | 65            | 61              | 110          | 64             | 300         |

TABLE No. 15

Showing Cause of Death of Patients Who Died During Year 1916.

|                                  | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|----------------------------------|---------------|-----------------|--------------|----------------|-------------|
| Aortic Insufficiency .....       | 1             | 1               | 5            | 0              | 7           |
| Apoplexy .....                   | 2             | 0               | 1            | 1              | 4           |
| Accidental Burn .....            | 0             | 0               | 0            | 1              | 1           |
| Arterio-Sclerosis .....          | 1             | 1               | 1            | 0              | 3           |
| Cerebral Hemorrhage .....        | 1             | 0               | 0            | 0              | 1           |
| Chronic Interstitial Nephritis.. | 3             | 3               | 7            | 2              | 15          |
| Cerebral Syphilis .....          | 6             | 1               | 12           | 5              | 24          |
| Chronic Endocarditis .....       | 1             | 0               | 1            | 0              | 2           |
| Broncho-pneumonia .....          | 1             | 1               | 2            | 0              | 4           |
| Dropsy .....                     | 1             | 0               | 1            | 0              | 2           |
| Diarrhea .....                   | 0             | 0               | 0            | 3              | 3           |
| Exhaustion due to:               |               |                 |              |                |             |
| Manic Depressive Insanity...     | 2             | 0               | 5            | 1              | 8           |
| Senile Dementia .....            | 6             | 9               | 10           | 7              | 32          |
| Dementia Praecox .....           | 2             | 1               | 1            | 0              | 4           |
| Melancholia .....                | 0             | 1               | 0            | 0              | 1           |
| Fracture of Femur.....           | 0             | 0               | 1            | 0              | 1           |
| Gangrene of Feet .....           | 0             | 0               | 1            | 0              | 1           |
| Hypostatic Pneumonia .....       | 1             | 0               | 1            | 1              | 3           |
| Ileo Colitis .....               | 1             | 1               | 0            | 0              | 2           |
| Lobar Pneumonia .....            | 3             | 2               | 2            | 3              | 10          |
| Myocarditis .....                | 1             | 0               | 2            | 1              | 4           |
| Parenchymatous Nephritis ....    | *1            | 1               | 1            | 1              | 4           |
| Pellagra .....                   | 2             | 6               | 4            | 11             | 23          |
| Paresis .....                    | 10            | 0               | 11           | 1              | 22          |
| Pneumococcic Meningitis .....    | 1             | 0               | 0            | 0              | 1           |
| Pernicious Malaria .....         | 1             | 0               | 0            | 1              | 2           |
| Status Epilepticus .....         | 3             | 2               | 6            | 5              | 16          |
| Septicemia .....                 | 1             | 0               | 2            | 1              | 4           |
| Tumor of the Brain.....          | 1             | 1               | 0            | 0              | 2           |
| Typhoid Fever .....              | 0             | 1               | 0            | 0              | 1           |
| Tuberculosis, Pulmonary .....    | 3             | 3               | 7            | 8              | 21          |
| Unknown .....                    | 1             | 0               | 0            | 0              | 1           |
| Total .....                      | 57*           | 25              | 84           | 53             | 229         |

TABLE No. 16

Showing Mental Diagnosis of Patients Who Died During the  
Year 1915.

|  | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|--|---------------|-----------------|--------------|----------------|-------------|
| Acute Alcoholic Insanity.....                    | 1             | 1               | 2            | 1              | 5           |
| Chronic Alcoholic Insanity....                   | 0             | 0               | 3            | 0              | 3           |
| Climacteric Insanity .....                       | 0             | 2               | 0            | 3              | 5           |
| Congenital Deficiency.....                       | 2             | 3               | 3            | 1              | 9           |
| Cerebral Syphilis .....                          | 4             | 1               | 15           | 6              | 26          |
| Dementia Praecox .....                           | 4             | 6               | 11           | 5              | 26          |
| Epilepsy .....                                   | 4             | 5               | 6            | 7              | 22          |
| Manic Depressive Insanity....                    | 3             | 4               | 10           | 3              | 20          |
| Melancholia .....                                | 1             | 2               | 0            | 3              | 6           |
| Paretic Dementia .....                           | 11            | 1               | 6            | 4              | 22          |
| Pellagra .....                                   | 5             | 10              | 8            | 8              | 31          |
| Senile Dementia .....                            | 18            | 11              | 27           | 11             | 67          |
| Toxic Insanity Due to:                           |               |                 |              |                |             |
| Nephritis .....                                  | 4             | 5               | 2            | 3              | 14          |
| Tuberculosis .....                               | 2             | 5               | 11           | 8              | 26          |
| Unclassified .....                               | 3             | 2               | 2            | 0              | 7           |
| Toxic Insanity Due to Auto<br>Intoxication ..... | 3             | 3               | 4            | 1              | 11          |
| Total .....                                      | 65            | 61              | 110          | 64             | 300         |

TABLE No. 17

Showing Mental Diagnosis of Patients Who Died During the  
Year 1916.

|   | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|---|---------------|-----------------|--------------|----------------|-------------|
| Acute Alcoholic Insanity.....                         | 2             | 0               | 0            | 0              | 2           |
| Climacteric Insanity .....                            | 0             | 1               | 0            | 2              | 3           |
| Congenital Deficiency .....                           | 0             | 2               | 4            | 3              | 9           |
| Cerebral Syphilis .....                               | 6             | 0               | 11           | 0              | 17          |
| Chronic Alcoholic Insanity...                         | 1             | 0               | 0            | 0              | 1           |
| Dementia Praecox .....                                | 3             | 4               | 7            | 5              | 19          |
| Insanity Due to Diabetes<br>Melitus .....             | 1             | 0               | 0            | 0              | 1           |
| Epilepsy .....  | 5             | 6               | 11           | 8              | 30          |
| Manic-depressive Insanity ...                         | 3             | 2               | 6            | 9              | 20          |
| Melancholia .....                                     | 0             | 1               | 3            | 4              | 8           |
| Paretic Dementia .....                                | 5             | 0               | 4            | 4              | 13          |
| Pellagra .....  | 3             | 3               | 2            | 6              | 14          |
| Presenile Dementia .....                              | 3             | 1               | 2            | 1              | 7           |
| Senile Dementia .....                                 | 12            | 11              | 23           | 6              | 52          |
| Toxic Insanity Due to Ne-<br>phritis .....            | 2             | 0               | 3            | 0              | 5           |
| Toxic Insanity following Pul-<br>monary Abscess ..... | 2             | 0               | 0            | 0              | 2           |
| Toxic Insanity Due to Tumor.                          | 0             | 1               | 0            | 0              | 1           |
| Tuberculosis .....                                    | 3             | 2               | 3            | 4              | 12          |
| Septicemia .....                                      | 3             | 0               | 2            | 1              | 6           |
| Unclassified .....                                    | 3             | 1               | 3            | 0              | 7           |
| Total .....   | 57            | 35              | 84           | 53             | 229         |

TABLE No. 18.

Length of Residence of Those Dying During the Year 1915.

|                              | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|------------------------------|---------------|-----------------|--------------|----------------|-------------|
| Less than one hour.....      | 0             | 0               | 1            | 0              | 1           |
| For one day .....            | 2             | 0               | 0            | 1              | 3           |
| For two days .....           | 1             | 0               | 1            | 0              | 2           |
| Less than one week.....      | 3             | 2               | 2            | 1              | 8           |
| From two to three weeks..... | 1             | 0               | 3            | 1              | 5           |
| Three weeks to one month.... | 5             | 3               | 2            | 4              | 14          |
| One to two months.....       | 3             | 3               | 2            | 1              | 9           |
| Two to four months.....      | 2             | 5               | 3            | 2              | 12          |
| Four to six months.....      | 4             | 3               | 14           | 11             | 32          |
| Six to twelve months.....    | 7             | 5               | 17           | 13             | 42          |
| One to two years.....        | 10            | 4               | 11           | 7              | 32          |
| Two to three years.....      | 9             | 7               | 18           | 15             | 39          |
| Over three years.....        | 7             | 6               | 20           | 2              | 35          |
| For five years .....         | 6             | 7               | 11           | 4              | 28          |
| Six to twelve years.....     | 3             | 6               | 3            | 1              | 13          |
| Over twelve years .....      | 2             | 10              | 1            | 1              | 14          |
| Total .....                  | 65            | 61              | 110          | 64             | 300         |

TABLE No. 19

Length of Residence of Those Dying During the Year 1916.

|                              | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|------------------------------|---------------|-----------------|--------------|----------------|-------------|
| Less than one hour.....      | 0             | 0               | 0            | 0              | 0           |
| For one day .....            | 1             | 0               | 0            | 0              | 1           |
| For two days .....           | 1             | 1               | 1            | 1              | 4           |
| Less than one week.....      | 4             | 3               | 6            | 3              | 16          |
| From two to three weeks..... | 6             | 6               | 8            | 7              | 27          |
| Three weeks to one month.... | 5             | 3               | 11           | 5              | 24          |
| One to two months.....       | 5             | 3               | 12           | 6              | 26          |
| Two to four months.....      | 4             | 2               | 8            | 5              | 19          |
| Four to six months.....      | 8             | 4               | 10           | 4              | 26          |
| Six to twelve months.....    | 2             | 5               | 16           | 5              | 28          |
| One to two years.....        | 7             | 2               | 5            | 8              | 22          |
| Two to three years.....      | 3             | 1               | 1            | 2              | 7           |
| Over three years.....        | 6             | 3               | 2            | 4              | 15          |
| For five years .....         | 4             | 1               | 3            | 3              | 11          |
| Six to twelve years.....     | 1             | 1               | 1            | 0              | 3           |
| Total .....                  | 57            | 35              | 84           | 53             | 229         |



TABLE No. 20

Age at Decease of Those Who Died During Year 1915.

|                             | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | Total. |
|-----------------------------|---------------|-----------------|--------------|----------------|--------|
| Under 10 years.....         | 2             | 3               | 1            | 0              | 6      |
| From 10 to 15 years.....    | 3             | 2               | 1            | 0              | 6      |
| From 15 to 20 years.....    | 5             | 3               | 6            | 6              | 20     |
| From 20 to 25 years.....    | 4             | 6               | 4            | 7              | 21     |
| From 25 to 30 years.....    | 3             | 5               | 5            | 8              | 21     |
| From 30 to 35 years.....    | 8             | 6               | 11           | 5              | 30     |
| From 35 to 40 years.....    | 9             | 8               | 17           | 8              | 42     |
| From 40 to 45 years.....    | 7             | 5               | 6            | 5              | 23     |
| From 45 to 50 years.....    | 6             | 9               | 19           | 7              | 41     |
| From 50 to 55 years.....    | 4             | 6               | 10           | 4              | 24     |
| From 55 to 60 years.....    | 5             | 2               | 16           | 1              | 24     |
| From 60 to 65 years.....    | 2             | 5               | 10           | 5              | 22     |
| From 65 to 70 years.....    | 1             | 0               | 4            | 3              | 8      |
| From 70 to 80 years.....    | 2             | 0               | 1            | 0              | 3      |
| Eighty years and over ..... | 1             | 0               | 0            | 0              | 1      |
| Unknown .....               | 3             | 1               | 9            | 5              | 18     |
| Total .....                 | 65            | 61              | 110          | 64             | 300    |

TABLE No. 21

Age at Decease of Those Who Died During Year 1916.

|                            | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | Total. |
|----------------------------|---------------|-----------------|--------------|----------------|--------|
| Under 10 years.....        | 0             | 0               | 1            | 0              | 1      |
| From 10 to 15 years.....   | 1             | 0               | 0            | 0              | 1      |
| From 15 to 20 years.....   | 1             | 1               | 1            | 0              | 3      |
| From 20 to 25 years.....   | 1             | 0               | 4            | 3              | 8      |
| From 25 to 30 years.....   | 2             | 2               | 5            | 4              | 13     |
| From 30 to 35 years.....   | 3             | 1               | 8            | 7              | 19     |
| From 35 to 40 years.....   | 7             | 5               | 10           | 5              | 27     |
| From 40 to 45 years.....   | 8             | 2               | 8            | 3              | 21     |
| From 45 to 50 years.....   | 4             | 3               | 9            | 6              | 22     |
| From 50 to 55 years.....   | 6             | 3               | 6            | 2              | 17     |
| From 55 to 60 years.....   | 2             | 4               | 2            | 4              | 12     |
| From 60 to 65 years.....   | 3             | 2               | 4            | 2              | 11     |
| From 65 to 70 years.....   | 7             | 1               | 4            | 1              | 13     |
| From 70 to 80 years.....   | 1             | 4               | 3            | 3              | 11     |
| Eighty years and over..... | 1             | 0               | 1            | 1              | 3      |
| Unknown .....              | 10            | 7               | 18           | 12             | 47     |
| Total .....                | 57            | 35              | 84           | 53             | 229    |

TABLE No. 22

Showing Age at Admission of Those Admitted in 1915.

|                            | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|----------------------------|---------------|-----------------|--------------|----------------|-------------|
| Under 10 years .....       | 1             | 2               | 1            | 0              | 4           |
| From 10 to 15 years.....   | 4             | 4               | 3            | 0              | 11          |
| From 15 to 20 years.....   | 15            | 6               | 13           | 5              | 39          |
| From 20 to 25 years.....   | 18            | 13              | 13           | 17             | 61          |
| From 25 to 30 years.....   | 24            | 14              | 9            | 14             | 61          |
| From 30 to 35 years.....   | 23            | 20              | 8            | 18             | 69          |
| From 35 to 40 years.....   | 21            | 19              | 24           | 18             | 82          |
| From 40 to 45 years.....   | 12            | 18              | 20           | 10             | 60          |
| From 45 to 50 years.....   | 13            | 15              | 12           | 8              | 48          |
| From 50 to 55 years.....   | 17            | 10              | 19           | 2              | 48          |
| From 55 to 60 years.....   | 17            | 9               | 8            | 0              | 34          |
| From 60 to 65 years.....   | 13            | 11              | 7            | 4              | 35          |
| From 65 to 70 years.....   | 8             | 4               | 11           | 1              | 24          |
| From 70 to 80 years.....   | 6             | 5               | 5            | 2              | 18          |
| Eighty years and over..... | 3             | 0               | 4            | 1              | 8           |
| Age unknown .....          | 9             | 11              | 14           | 21             | 55          |
| Total .....                | 204           | 157             | 175          | 121            | 657         |

TABLE No. 23

Showing Age at Admission of Those Admitted in 1915.

|                           | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|---------------------------|---------------|-----------------|--------------|----------------|-------------|
| Under 10 years.....       | 7             | 0               | 1            | 1              | 9           |
| From 10 to 15 years.....  | 3             | 2               | 0            | 0              | 5           |
| From 15 to 20 years.....  | 12            | 14              | 5            | 5              | 36          |
| From 20 to 25 years.....  | 13            | 6               | 16           | 10             | 45          |
| From 25 to 30 years.....  | 13            | 12              | 15           | 11             | 51          |
| From 30 to 35 years.....  | 23            | 15              | 14           | 12             | 64          |
| From 35 to 40 years.....  | 27            | 13              | 12           | 10             | 62          |
| From 40 to 45 years.....  | 19            | 5               | 15           | 9              | 48          |
| From 45 to 50 years.....  | 18            | 9               | 13           | 4              | 44          |
| From 50 to 55 years.....  | 21            | 9               | 11           | 4              | 45          |
| From 55 to 60 years.....  | 5             | 4               | 5            | 3              | 17          |
| From 60 to 65 years.....  | 14            | 4               | 7            | 2              | 27          |
| From 65 to 70 years.....  | 9             | 2               | 3            | 2              | 16          |
| From 70 to 80 years.....  | 13            | 5               | 4            | 3              | 25          |
| From 80 to 100 years..... | 6             | 2               | 4            | 3              | 15          |
| Over 100 years.....       | 0             | 1               | 0            | 0              | 1           |
| Unknown .....             | 16            | 7               | 15           | 15             | 53          |
| Total .....               | 219           | 110             | 140          | 94             | 563         |

TABLE No. 24

Length of Time Resident in Hospital of Those Discharged  
During Year 1915.

|  | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|--|---------------|-----------------|--------------|----------------|-------------|
| Less than one week.....                | 0             | 0               | 0            | 0              | 0           |
| From one to two weeks.....             | 0             | 0               | 0            | 0              | 0           |
| From two to three weeks....            | 0             | 0               | 0            | 0              | 0           |
| From three weeks to one<br>month ..... | 0             | 1               | 0            | 0              | 1           |
| From one to two months.....            | 10            | 8               | 5            | 4              | 27          |
| From two to four months.....           | 21            | 7               | 11           | 6              | 45          |
| From four to six months.....           | 17            | 11              | 9            | 3              | 40          |
| From six to twelve months...           | 14            | 9               | 7            | 8              | 38          |
| From one to two years.....             | 13            | 6               | 5            | 2              | 26          |
| From two to three years.....           | 7             | 3               | 6            | 2              | 18          |
| For three years and over.....          | 3             | 5               | 0            | 1              | 9           |
| For five years .....                   | 0             | 1               | 2            | 1              | 4           |
| For eleven years .....                 | 0             | 1               | 0            | 0              | 1           |
| Total .....                            | 84            | 52              | 45           | 28             | 209         |

TABLE No. 25

Length of Time Resident in Hospital of Those Discharged  
During Year 1916.

|                              | White<br>Men. | White<br>Women. | Col.<br>Men. | Col.<br>Women. | To-<br>tal. |
|------------------------------|---------------|-----------------|--------------|----------------|-------------|
| For one day.....             | 0             | 0               | 0            | 0              | 0           |
| Less than one week.....      | 0             | 0               | 0            | 0              | 0           |
| From one to two weeks.....   | 0             | 0               | 0            | 0              | 0           |
| Three weeks to one month.... | 1             | 0               | 0            | 0              | 1           |
| From one to two months.....  | 12            | 1               | 1            | 2              | 16          |
| From two to four months....  | 15            | 3               | 7            | 6              | 31          |
| From four to six months..... | 23            | 4               | 10           | 7              | 44          |
| From six to twelve months... | 26            | 7               | 14           | 6              | 53          |
| From one to two years.....   | 12            | 8               | 11           | 15             | 46          |
| From two to three years..... | 4             | 5               | 9            | 3              | 21          |
| Over three years.....        | 2             | 2               | 3            | 1              | 8           |
| Total .....                  | 95            | 30              | 55           | 40             | 220         |

TABLE No. 26

Patients Admitted Under Narcotic Law.

|                                  |    |
|----------------------------------|----|
| Treated in 1915.....             | 18 |
| Died in Institution in 1915..... | 1  |
| Treated in 1916.....             | 29 |
| Total Treated .....              | 37 |